

COMPUTER SYSTEM EQUIPPED WITH USB DEVICE WITH SECURITY FUNCTION

Publication number: JP2003186819

Publication date: 2003-07-04

Inventor: HIRANO ATSUSHI

Applicant: RICOH KK

Classification:

- international: G06F13/14; G06F1/00; G06F15/00; G06F21/20;
G06F13/14; G06F1/00; G06F15/00; G06F21/20; (IPC1-7): G06F13/14; G06F1/00; G06F15/00

- european:

Application number: JP20010382487 20011217

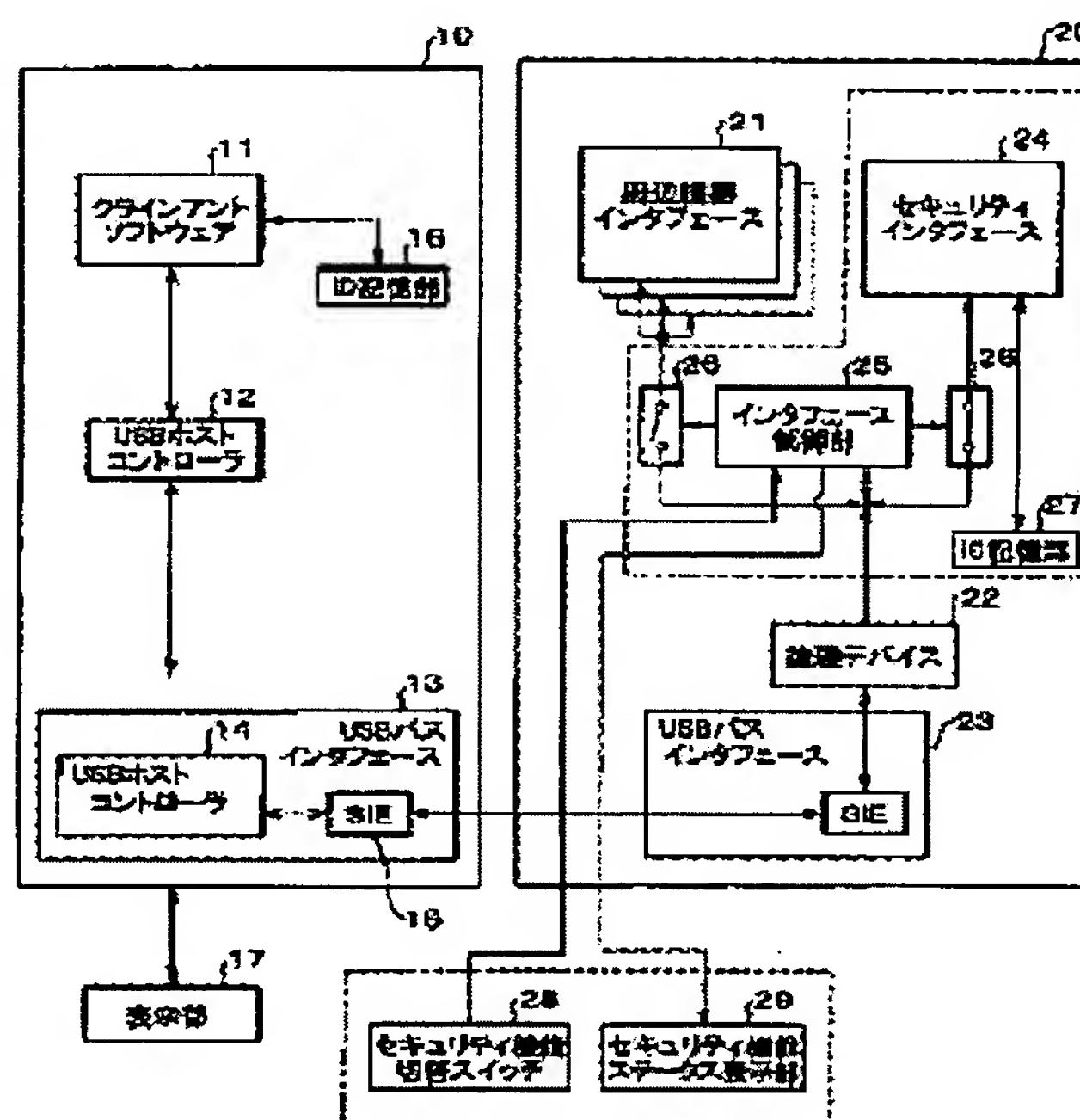
Priority number(s): JP20010382487 20011217

Report a data error here

Abstract of JP2003186819

PROBLEM TO BE SOLVED: To provide a computer system equipped with a USB (universal serial bus) device with a security function, comprised of the USB device having a security function and a computer capable of using the USB.

SOLUTION: A personal computer (PC) 10 has a client software 11 provided with an ID storage part 16, a USB host controller 14 and the like. The USB device 20 has a peripheral equipment interface 21 to achieve an intrinsic function as peripheral equipment, a security interface 24 equipped with an ID storage part 27, an interface control part 25 to control the peripheral equipment interface 21 and the security interface 24, a USB bus interface 23, and the like. By the time when the use of the USB device 20 get authenticated by the PC 10 based on the comparison of IDs of both sides, the state of the security interface 24 becomes to be able to return a descriptor and the state of the peripheral equipment interface 21 becomes not to be able to return a descriptor. COPYRIGHT: (C)2003,JPO



Data supplied from the esp@cenet database - Worldwide